

Premium flooring solutions

# Education

Value Engineered  
Flooring Systems

 **spectrum**  
Quality Commercial Flooring

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## About Spectrum.

At Spectrum, a family business and 100% Australian owned, we supply the whole package – from sub floor preparation right through to the finishing touches, with quality products and technical know how sourced from leading manufacturers internationally. This, combined with our excellent customer service ensures that Spectrum is the right choice for you!

## Our Mission.

To be the trusted source of quality flooring and accessories supported by eminent know-how.

## Our Vision.

To be the natural first choice for flooring products by specifiers, contractors and end users.





# Environmentally Friendly Flooring.

Rubber flooring has superior eco-friendly properties and is certified by GECA. Because of its long life cycle, there is no need for more frequent removal and disposal of flooring materials plus regular installation, thus reducing use of chemicals (e.g. adhesives), wastage and demand on natural resources. As well as low cost and low chemical use in maintenance. Once it is finally removed, rubber can be recycled. Even if it is not, it is easily disposed of in landfills and as it has been formulated without toxic plasticizers, halogens, or dioxins to seep into the groundwater. Lastly, rubber has been shown to significantly improve indoor air quality.

Greenguard (USA) certification.





# Indoor Air Quality.

The internal air qualities are very important in educational facilities for concentration and learning. For a pleasant environment, Spectrum Contract Rubber has extremely low VOC off gassing in the same category as bricks which is the lowest of any general type of resilient finishes.

Medical research has proven some finishes can increase the risk of Asthma in the early ages, so contributing to a healthy environment is very important. We recommend the well-known Greenguard.org for a certification process for evaluation.

# Durable.

Good quality rubber is guaranteed to last the life of the application without cracking, wearing or breaking. In fact, it is not unknown for the rubber floor to outlast the life of the premises in places such as airports, stations and public transport such as buses and trains. The longevity is due to the high abrasion resistance. The other factor that helps the longevity is rubber's inherent resilience and flexibility.





# Anti-Fatigue.

One of the key benefits of rubber flooring is its cushioning effect which dissipates impact energy and thus reduces strain on joints and muscles. This helps to provide comfort underfoot and prevent fatigue and makes it an ideal flooring for situations where people are standing for long periods, from the domestic kitchen to commercial settings. This cushioning comes from rubber's highly-elastic polymer chains arranged in a unique cross-linked network, which enables them to act like miniature springs beneath your feet and gives rubber some of its great resilience under heavy weights. Unlike PVC for example that is a plastic material and by definition doesn't provide a real cushioning as its molecules don't perform as in the cross-linked structure.

# Dimensional Stability.

Rubber also has excellent dimensional stability, which means it shows no noticeable shrinkage or expansion in fluctuating temperatures as demonstrated by not requiring to be welded as is mandatory for PVC sheet products.





# Insulating.

Rubber is a fantastic insulator, both of temperature and sound. The molecular density of the elastomer in rubber helps it absorb sound and impact, and reduce the transfer of noise, resulting in a quieter environment. Its thermal insulation properties also provide comfort in winter and even in summer, keeping the environment warm and cool respectively.

# Hygienic and Safe.

Rubber's smooth surface means that it does not easily harbour hair, dust mites and other allergens. The elastomer within rubber also give extremely high surface traction, making rubber flooring an ideal anti-slip floor covering in both work and home environments.

Furthermore, good quality rubber is formulated so that it does not produce any toxic substances when incinerated, thus giving safety in the event of fire – particularly important for public buildings. Rubber demonstrates certified bacteriostatic properties without any additional surface treatment due to the zinc and sulfur used in the vulcanization process (safe and proven for centuries).





# Low Static.

Rubber flooring can be available in a static-dissipative version which is of key importance in certain settings such as computer rooms and electronic areas, where control of build-up and static discharge is vital. However, the standard product does not generate the nuisance static often experienced with vinyl and textile floor coverings.

# Chemical Resistance.

Rubber flooring can also be formulated to withstand oil, grease and chemicals which makes them ideal for settings where these compounds are present in high amounts – e.g. car dealerships, beauty salons, food processing facilities and laboratories.





# Long Term Economy.

Due to its longevity and durability, leading to a long life cycle with low maintenance – rubber is without question one of the most economical flooring types for the long term.

## Seams.

Thanks to its inbuilt stability, with rubber flooring the sealing of the joints is only an option if required for special requirements.

Rubber is fully and easily coveable.





# Vinyl Flooring.

Available in earthy patterns and inspired by nature, our vinyl flooring collection offers timber, stone, marble and natural textured looks.

Spectrum Silence - The Acoustic floor coverings are recommended for institutions where impact sound reduction and foot-comfort are also of high importance in addition to the durability.

The wide assortment of the Spectrum Acoustic product family can guarantee for anybody to find the proper solution in the given field of application.

- Phthalate free technology
- 100% recycable
- no waste product
- no harmful materials
- no wax





# Spectrum Entrance Matting.

## Reduce wear & tear and cleaning costs

Spectrum have a range of heavy duty efficient matting products proven over many years. Designed to perform in concentrated traffic entry areas.

### Spectrum Nuway

Made in Australia since 1982, double sided, modular system with a 20-year warranty available in 17 and 12mm.

### Spectrum Nuwave

Made in Australia, heavy duty in a range of colours with a 10-year warranty using Excellence inserts – 12mm

### Spectrum Boardwalk

A unique rubber based modular system - 12mm and easily shaped on site when required.

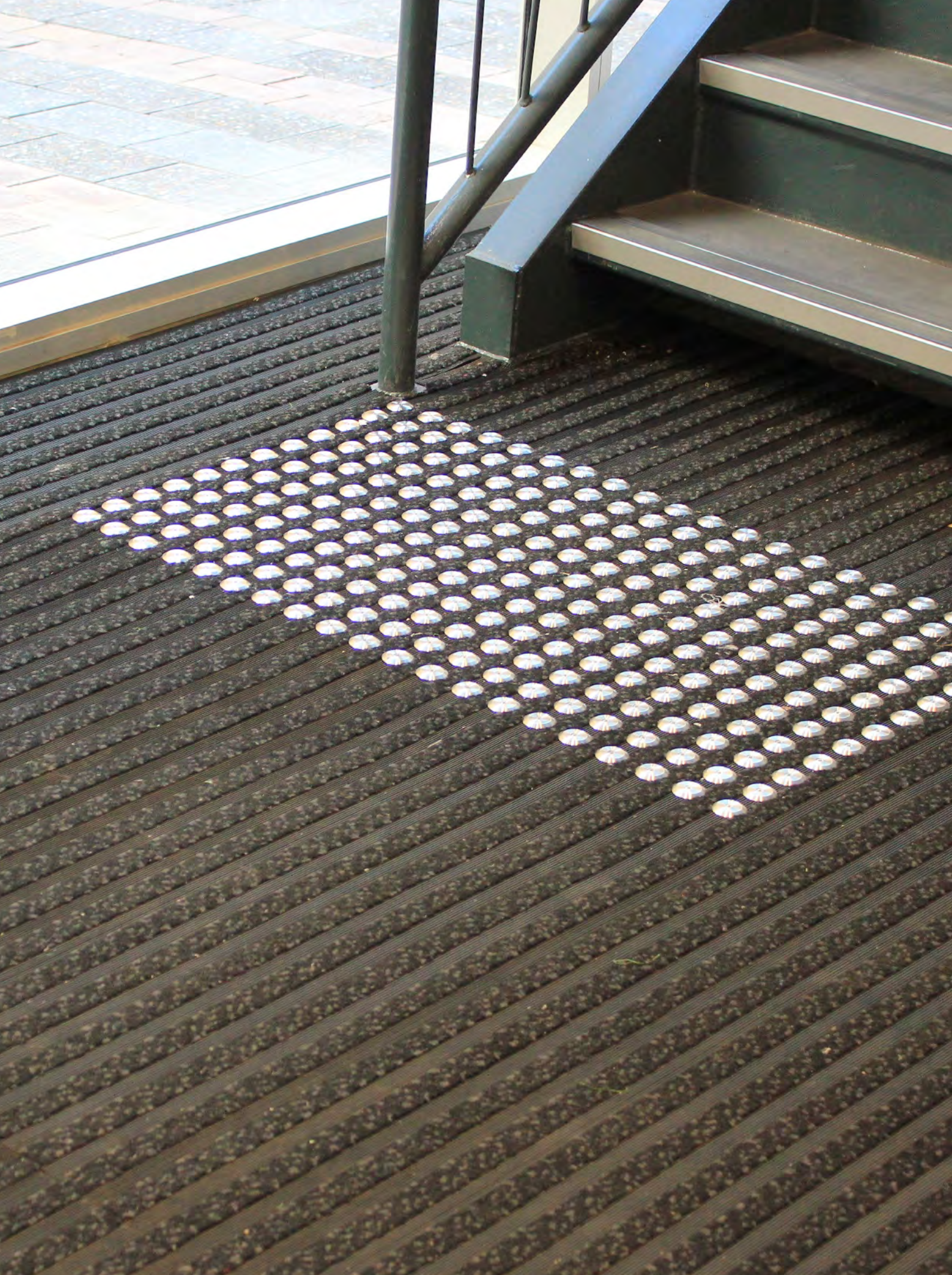
### Spectrum Excellence

Beautiful and colourful, 2m wide roll product, efficient, heavy duty rating, 7-year warranty. Product also used in Nuwave.

### Spectrum Portal Plus

2m roll product with a carpet like appearance, economical and 5-year warranty also in a range of colours.







# Spectrum Sports Flooring.

Spectrum Floors is the leading supplier of sporting floors who can service small community facilities, schools, gymnasiums up to large International arenas.

Mondoflex II is a point-elastic sports flooring with shock absorption values above 25% (Category P1 according to regulation EN14904). The flooring comprises two layers of natural and synthetic rubber that are joined in the production phase to a supporting underlayer of elastic foam. Pre-fabrication guarantees that the product is uniform when installed and ensures a constant biomechanical response across the entire surface. An optimal grip supports fast, dynamic movement. Uniform energy absorption helps athletes make powerful, explosive moves.

## Commitment to the environment.

Sports flooring with low VOC emissions actively contributes to the air quality of the facility it's in—and MONDO is committed to developing products that contribute to better air quality, protect athletes' health and safety, and improve athletic performance during both training and competition. Mondoflex II passed the UL Environment Tests for more than 10,000 volatile chemical agents, attaining GREENGUARD and GREENGUARD Gold certifications. In addition, tests conducted in 2013 for Environmental Product Declaration shows that Mondoflex II creates 19% less impact on the environment than PVC flooring. By conforming to regulations ISO 14040 and ISO 14044, Mondoflex II is considered solid urban waste, meaning it can be easily disposed in normal landfills.





# Spectrum Stair Nosing.

## THE LEADING EDGE

With the increased use of vertical schools, safety with premium design is well worth detailed consideration.

Importantly Australian Standard requirements are called up in the "Building Code of Australia", importantly the dimensions of treads and risers and fire rating are important along with the anti-slip resistance and definition of step edge definition using measured 'light reflective values'.

Spectrum have available the widest range covering both internal and external products in a wide colour and profile range backed by a 10 year warranty.

Free technical advice and service.





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